In the claims:

- 1. (canceled)
- 2. (canceled)
- 3. (canceled)
- 4. (canceled)
- 5. (canceled)
- 6. (canceled)
- 7. (canceled)
- 8. (canceled)
- 9. (new) A method influencing the activity of Helicobacter pylori, comprising treating Helicobacter pylori with an effective amount of a pleuromutilin.
- 10. (new) The method according to claim 9, wherein the pleuromutilin is selected from the group consisting of a pleuromutilin of formula

$$H_3$$
C (R) H_3 C H

a pleuromutilin of formula

 $I_{s\,l}$

 $I_{s2} \\$

and a pleuromutilin of formula

$$\begin{array}{c} CH_2 \\ CH_3 \\ OH \\ \\ H_3C \\ \\ NH_2 \\ \end{array}$$

11. (new) The method according to claim 9, wherein the activity of Helicobacter pylori is inhibited.